

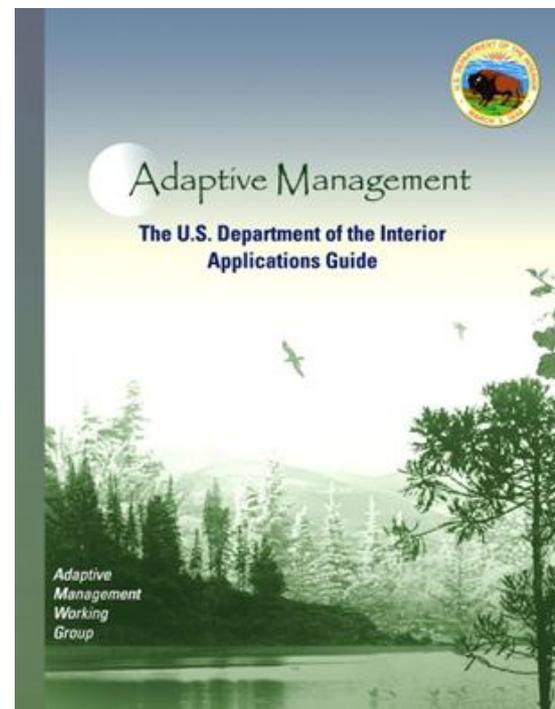
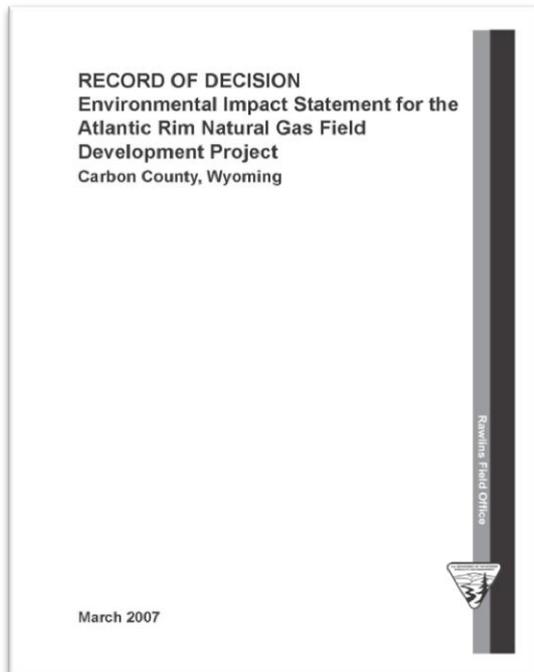
# *Adaptive Management*

## *And the*

### *Atlantic Rim EIS*



[http://www.blm.gov/wy/st/en/field\\_offices/Rawlins/AtlanticRim.html](http://www.blm.gov/wy/st/en/field_offices/Rawlins/AtlanticRim.html)



<http://www.doi.gov/initiatives/AdaptiveManagement/documents.html>



# Adaptive Management

“Adaptive management [is a decision process that] promotes flexible decision making that can be adjusted in the face of uncertainties as outcomes from management actions and other events become better understood.”

DOI Adaptive Management  
Technical Manual





# United States Department of the Interior

## OFFICE OF HEARINGS AND APPEALS

Interior Board of Land Appeals  
801 N. Quincy Street, Suite 300  
Arlington, Virginia 22203

703-235-3750

703-235-8349 (fax)



### WYOMING WILDLIFE FEDERATION, *et al.*

IBLA 2012-279

Decided May 21, 2014

Appeal from a decision by the Wyoming State Office, Bureau of Land Management, on State Director Review of the decision by the Rawlins Field Office, approving two plans of development in the Atlantic Rim Project Area. SDR-WY-2011-31 (Pt. 2).

Affirmed.

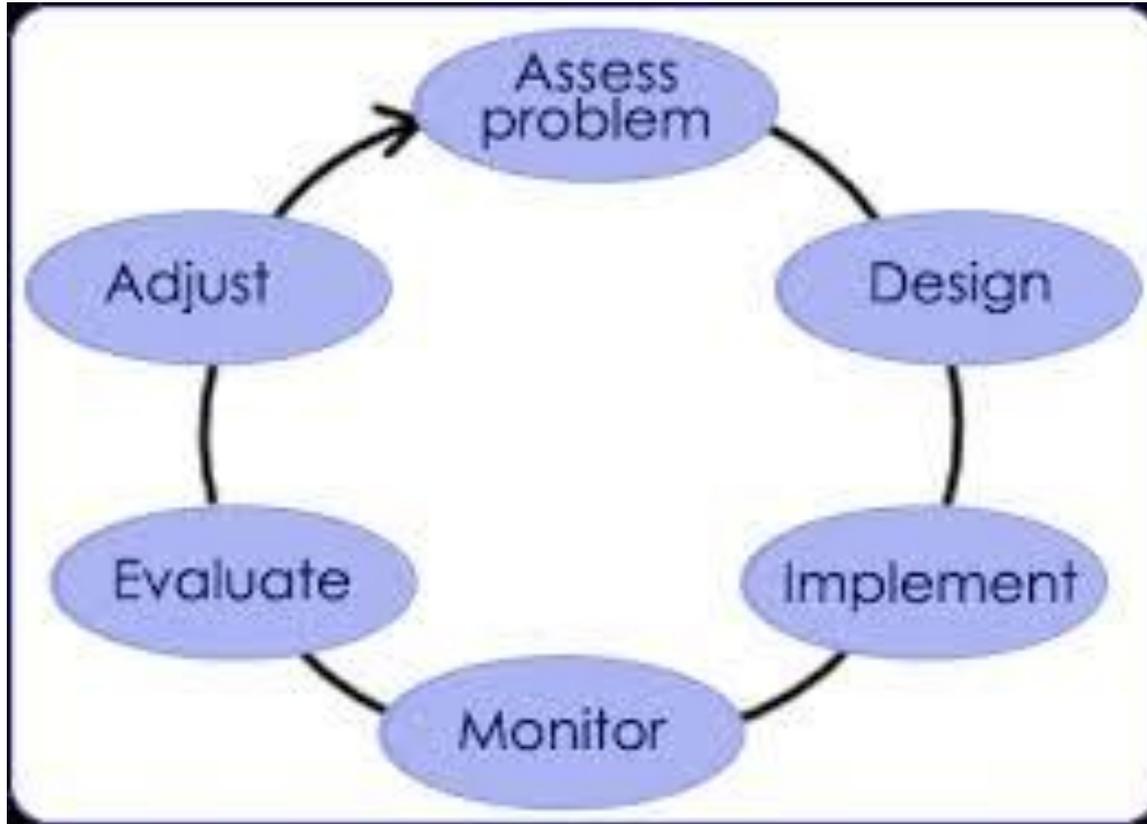
6/20/2014

John Russell

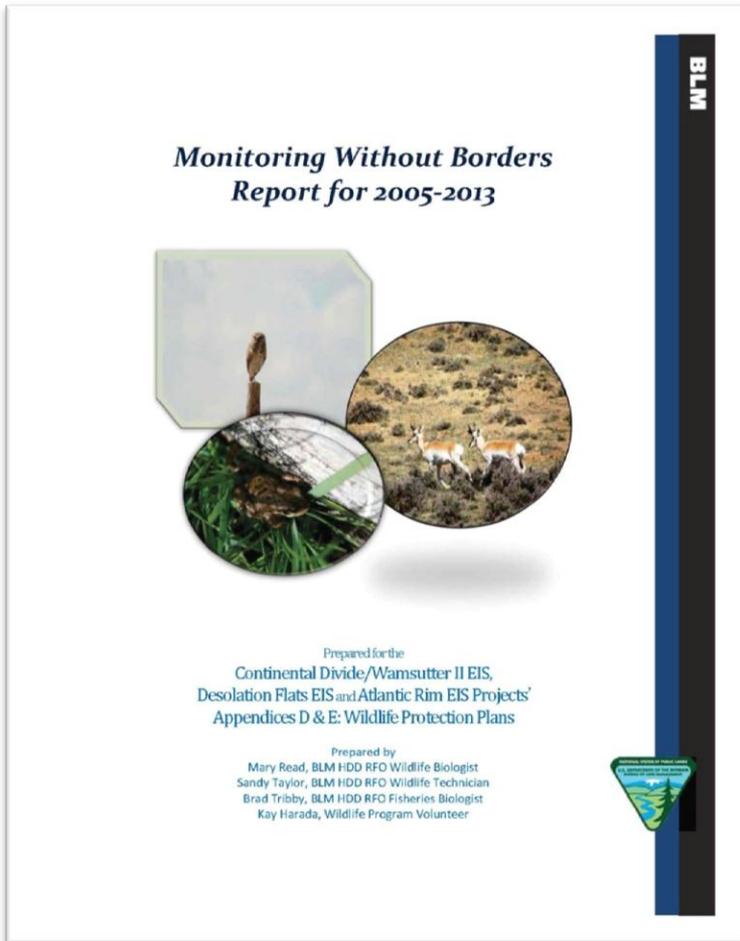
4



# Cycle



# Assess Problem



## Moving from Monitoring to Evaluating to Adjusting

(1) Annual Monitoring

(2) Evaluate Trends + Effectiveness of Mitigation Measures

(3) Adjust- if current mitigation doesn't work; try something different

# Design

- ✓ Established **rollover credit** (e.g., 6.5 acres per newly-drilled well, no more than 7,600 newly-disturbed acres at any one time, and a maximum of 13,600 acres disturbed over the life of the Project).
- ✓ Established **performance goals** (e.g. sage grouse habitat, mule deer crucial winter range, and impacts to livestock)
- ✓ Adopted **performance requirements** (e.g., best management practices (BMPs), conditions of approval (COAs), and protective stipulations) and instituted an adaptive management

# IMPLEMENT

Instituted an adaptive management program to ensure that performance goals were met or re-evaluated in the ARPA.

The BLM would implement adaptive management throughout the life of the POD based on monitoring results

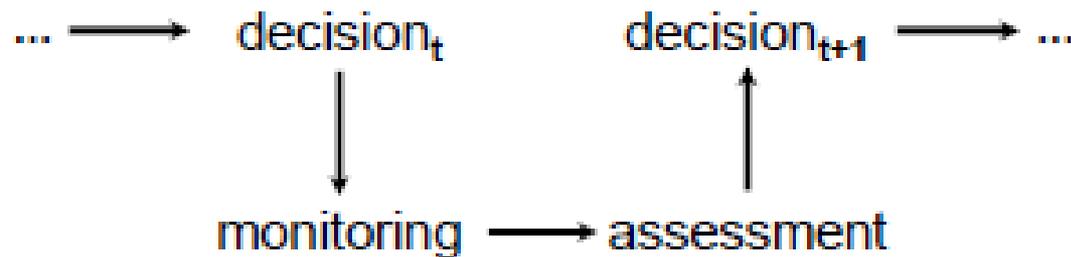


# Monitor

- 1) The adaptive management process occurs on both a project-wide and site-specific basis
- 2) Operators are required to monitor the effect of their development activities and submit wildlife, habitat, and reclamation reports and operating plans for the Review Team to consider
- 3) The Review Team recommends changes in current and future mitigation measures



# Decision-making Process in AM



- Decisions are guided by management objectives at each time
- Monitoring is used to track system responses to management
- New information from monitoring is combined with previously collected information and models to produce improved understanding
- Decisions are adjusted in the next time period based on that improved understanding

# Evaluate

The ROD identified a Review Team to evaluate mitigation efforts against environmental impacts predicted in the FEIS by monitoring impacts, gathering data...

**and making changes in its mitigation tactics as circumstances and conditions may then mandate.**



<https://www.google.com/#q=john+west+salmon+commercial+hd>



# Adjust

**and making changes in its mitigation tactics as circumstances and conditions may then mandate**

